

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("20070001677") or ("4626656") or ("5747984").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/03 12:21
S2	1	ep-462197-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 12:23
S3	2	ep-1022904-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 12:25
S4	2	de-19727986-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 12:35
S5	1	de-4309177-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 12:36
S6	2	de-10109952-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 12:36
S7	2	("5206923").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/03 12:37
S8	217	(324/415.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 14:49

S9	3	hoai-an and contact\$3 near3 wear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 14:50
S10	2	("5206923").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/03 14:51
S11	7	hoai-an and contact\$3 near2 (defect\$3 imperfect \$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion corrosion fracture rupture malfunction dis \$1contin\$3 dis\$1connect \$3 pit failure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 14:58
S12	14	hoai-an and contact\$3 near3 (defect\$3 imperfect \$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion corrosion fracture rupture malfunction dis \$1contin\$3 dis\$1connect \$3 pit failure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 14:59
S13	31	S8 and contact\$3 near2 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion corrosion fracture rupture malfunction dis \$1contin\$3 dis\$1connect \$3 pit failure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 15:06

S14	164	(324/71.2.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:05
S15	1372	(324/537.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:05
S16	232	(324/418.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:05
S17	55	(324/421.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:06
S18	52	(324/423.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:06
S19	438	(324/424.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:06
S20	25	(324/420.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:08
S21	611	(324/538.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:09
S22	267	(324/700.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:09

S23	1802	(324/71.1.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:10
S24	1082	(324/76.11.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:11
S25	14	S14 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:12
S26	22	S15 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:12
S27	10	S16 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:13
S28	12	S17 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:13
S29	8	S18 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:13
S30	19	S19 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:14
S31	4	S20 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:14

S32	10	S21 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:14
S33	18	S22 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:15
S34	9	S23 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:16
S35	1	S24 and contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:16
S36	2	S14 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:19
S37	1	S15 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:20
S38	2	S16 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:20
S39	5	S17 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:21
S40	4	S18 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:21

S41	6	S19 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:21
S42	2	S20 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:21
S43	0	S21 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:22
S44	2	S22 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:22
S45	0	S23 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:22
S46	0	S24 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/03 16:22
S47	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) same (intensi\$4 near2 light) same (powder crumb dust grain grit particle seed talc particulate pollen airborne)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 09:14

S48	15	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) and (intensi\$4 near2 light) and (powder crumb dust grain grit particle seed talc particulate pollen airborne)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 09:15
S49	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) same switch \$3) same (intensi\$4 near2 light) same (powder crumb dust grain grit particle seed talc particulate pollen airborne)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 09:56
S50	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) same ((intensity strength magnitude amplitude power energy) near3 light) same (powder crumb dust grain grit particle seed talc particulate pollen airborne)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 09:58
S51	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) same switch \$3) same ((intensity strength magnitude amplitude power energy) near3 light) same (powder crumb dust grain grit particle seed talc particulate pollen airborne)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 10:03

S52	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) same ((intensity strength magnitude amplitude power energy) near3 light) and (powder crumb dust grain grit particle seed talc particulate pollen airborne)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 10:04
S53	28	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light) and (powder crumb dust grain grit particle seed talc particulate pollen airborne)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 10:05
S54	27	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light) near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 10:32



S55	47	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) same switch \$3) and ((intensity strength magnitude amplitude power energy) near3 light) near3 (check \$3 detect\$3 sens\$3 measur \$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test \$3 determin\$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record\$5 meter \$5 gaug\$3 judg\$3)) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 11:01
S56	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3)) and (light near2 (source supply)) and (increas\$3 expans\$5 bigger larger) and (decreas\$3 less smaller)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 11:25

S57	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) same switch \$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test \$3 determin\$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record\$5 meter \$5 gaug\$3 judg\$3)) and (light near2 (source supply)) and (increas\$3 expans\$5 bigger larger) and (decreas\$3 less smaller)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 11:29
S58	3	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3)) and (light near2 (source supply))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 11:30

S59	3	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) with switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 12:10
S60	3	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) same switch \$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test \$3 determin\$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record\$5 meter \$5 gaug\$3 judg\$3)) and (light near2 (source supply))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 12:12
S61	3	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) same switch \$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test \$3 determin\$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 12:13

		identif\$7 record\$5 meter \$5 gaug\$3 judg\$3))).clm.				
S62	1	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) and switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3)) and (light near2 (source supply)) and (increas\$3 expan\$5 bigger larger) and (decreas\$3 less smaller)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 12:13
S63	3	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) and switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3)) and (light near2 (source supply))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 12:29

S64	3	((contact\$3 near2 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion)) and switch\$3) and ((intensity strength magnitude amplitude power energy) near3 light near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 12:30
S65	14	(contact\$3 near3 (deteriorat\$3 wear\$3 fus \$3 pit\$4 damage degradation erosion corrosion) near3 switch\$3 near3 (check\$3 detect\$3 sens\$3 measur\$5 comput \$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin \$3 recogniz\$3 inspect\$3 analy\$4 anali\$4 monitor\$3 diagnos\$3 identif\$7 record \$5 meter\$5 gaug\$3 judg \$3))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 12:34
S66	495	(73/86.ccls.) and @ad<"20040917"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 13:06
S67	2	S66 and ((contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion)) with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 13:06
S68	14	S66 and (contact\$3 near2 (deteriorat\$3 wear damage degradation erosion corrosion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/04 14:06

3/4/08 4:55:34 PM

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